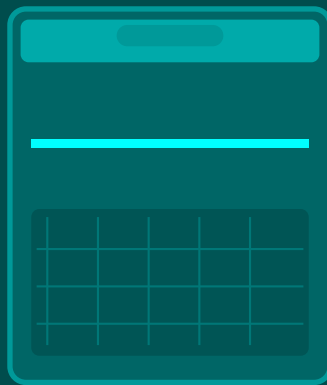


SIEMENS

Home Appliances



User Manual

Fully Integrated Dishwasher

Model: SN65EX12CE/48

Series: iQ500

Please read this manual carefully before using the appliance.

Keep this manual for future reference.

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01 Safety Instructions

Please read before use

■ WARNING – Risk of electric shock and water damage

- This appliance must only be installed by an authorised technician.
- Never open the appliance housing.
- Do not operate the appliance with a damaged power cable.
- This appliance is not suitable for use by persons (incl. children) with limited physical, sensory or mental capabilities unless supervised by a responsible person.

■ DANGER – Risk of scalding

- The interior of the appliance can be very hot during and after washing.
- Open the door carefully – hot steam may escape.
- Keep children under 8 years away from the appliance.

General Safety Rules

- Use this appliance only for its intended domestic household purpose.
- Detergents and salt are caustic – avoid contact with eyes and skin.
- Children must not play with the appliance or operate it unsupervised.
- Switch off the appliance and disconnect from the mains before carrying out any maintenance.
- Never insert objects into the ventilation openings.
- aquaStop protects against water damage – shut off the tap when the appliance is not in use.
- Place knives and sharp objects with the cutting edge facing downwards in the cutlery basket.
- The appliance must not be operated without water.
- In the event of defects or malfunctions, switch off the appliance and contact Siemens Service.

■ NOTE – aquaStop system

The aquaStop hose protects the appliance and your home against water damage. It shuts off the water supply directly at the tap if a leak is detected. This protection is permanently active – even when the appliance is switched off. Replace a damaged aquaStop hose immediately.

02 Product Overview & Scope of Delivery

SN65EX12CE/48 – iQ500 fully integrated, 60 cm

Product Description

The Siemens SN65EX12CE/48 is a fully integrated built-in dishwasher from the iQ500 series. It accommodates up to 14 place settings at a working width of 60 cm. The appliance stands out for its superior energy efficiency (Class A), its quiet operation (42 dB) and numerous intelligent features including Home Connect, TimeLight and glassZone. The appliance is manufactured entirely in Germany.

Scope of Delivery

- 1 x Siemens dishwasher SN65EX12CE/48
- 1 x aquaStop inlet hose (1.5 m)
- 1 x Drain hose (1.65 m)
- 1 x User manual (this document)
- 1 x Quick guide (multilingual)
- 1 x Installation instructions
- 1 x Mounting material (screws, fixing clips)
- 1 x Warranty booklet / Energy label
- 1 x Appliance care product (initial fill)

03 Technical Specifications

SN65EX12CE/48 | iQ500 | Energy Class A

Specification	Value
Model designation	SN65EX12CE/48
Series	iQ500
Type	Fully integrated built-in dishwasher
Width	598 mm (approx. 60 cm)
Height	815 mm (adjustable 815–860 mm)
Depth	550 mm
Net weight	39.1 kg
Capacity	14 place settings
Energy efficiency class	A (EU scale 2021)
Energy consumption (100 Eco cycles)	54 kWh
Energy consumption per cycle (Eco)	0.54 kWh
Water consumption (Eco 50 °C)	9.0 litres
Programme duration Eco 50 °C	4:30 h
Noise level	42 dB(A) re 1 pW
Noise efficiency class	B
Rated voltage	220–240 V ~ 50/60 Hz
Rated power	2,000–2,400 W
Fuse rating	10 A
Water inlet pressure	0.5 – 10 bar
Inlet temperature (max.)	60 °C
Motor type	iQdrive (brushless, lifetime warranty)
Water connection	Trap connection, standard 3/4"
Door hinge	Soft-Close
Country of manufacture	Germany
EAN code	4242003956168

■ NOTE – Energy label (EU 2021/340)

From March 2021 the new EU energy scale A–G applies. Energy efficiency class A represents the highest standard under the new scale. The energy consumption of 54 kWh / 100 cycles refers to the Eco 50 °C programme as the reference programme.

04 Installation & Connections

Built-in installation, water supply, electrical connection

Installation Requirements

The appliance is designed for installation in a kitchen unit. The recess must have the following minimum dimensions: width 600 mm, height 820–870 mm, depth 550 mm. The floor of the recess must be level and able to support the load (min. 80 kg). Ensure adequate ventilation behind and below the appliance.

Water Connection

Connect the aquaStop inlet hose to a cold water tap (3/4" thread). The water pressure must be between 0.5 and 10 bar. If the water pressure exceeds 10 bar a pressure reducer is required. Route the drain hose into the trap or the waste connection of the sink. The drain hose must be routed at a minimum height of 40 cm and a maximum of 85 cm to prevent backflow.

Electrical Connection

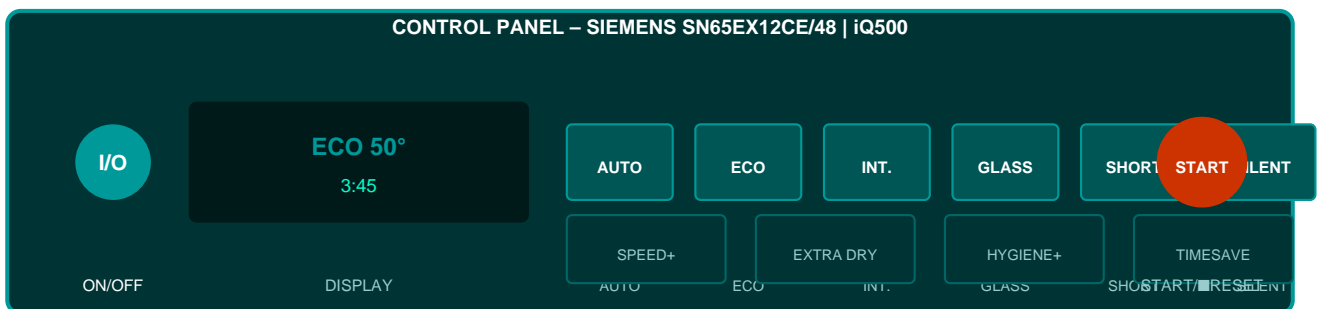
■ WARNING – Electrical connection

- Connection may only be carried out by a qualified electrician.
- Rated voltage: 220–240 V ~ 50/60 Hz | Fuse: min. 10 A slow-blow.
- Protection class I – protective earth conductor (PE) is mandatory.
- The socket must be accessible at all times.

05 Control Panel & Indicators

Buttons, display, indicator lights

With fully integrated appliances the control panel is located on the inside of the door and is not visible when the door is closed. The TimeLight projects the programme status and remaining time onto the floor in front of the appliance.



The control panel is hidden behind the appliance door (fully integrated). Open the door to access the buttons and display.

Description of Controls

ON/OFF button: Switch the appliance on or off. Hold for 3 seconds to switch off.

Programme selection buttons: Select one of the 8 wash programmes (AUTO, ECO, INT, GLASS, SHORT, SILENT, QUICK, PRE-RINSE).

Display: Shows the selected programme, remaining time, error codes and salt/rinse aid indicators.

Function buttons: VarioSpeed Plus, Extra Dry, Hygiene Plus, TimeSave – switchable on/off.

START / RESET button: Start a programme or cancel a running programme (hold for 3 seconds).

TimeLight: Projects the remaining runtime (in minutes) and programme status on the floor in front of the appliance.

Child lock: Activation: hold button for 3 seconds. All controls are locked.

Delayed start: Programme start can be delayed by up to 24 hours.

06 Wash Programmes

8 programmes for every requirement

The SN65EX12CE/48 offers 8 wash programmes covering different cleaning requirements. Select the programme that matches the degree of soiling and the type of items.

Programme	Temp.	Duration (approx.)	Water (L)	Energy (kWh)	Recommended use
Auto 45–65 °C	45–65 °C	0:55–1:55 h	6–14 L	0.4–1.1	Everyday dishes, automatic adjustment
Eco 50 °C ★	50 °C	4:30 h	9.0 L	0.54	Energy-saving daily operation (reference programme)
Intensive 70 °C	70 °C	1:55 h	14 L	1.4	Heavily soiled dishes, pots & pans
Glass 40 °C	40 °C	1:05 h	10 L	0.6	Delicate glassware & crystal, glassZone active
Short 60 °C	60 °C	0:58 h	11 L	1.0	Normally soiled dishes, time-optimised
Silent 50 °C	50 °C	2:30 h	9.5 L	0.7	Quiet night operation, only 41 dB(A)
Quick 45 °C	45 °C	0:30 h	9 L	0.6	Lightly soiled dishes, maximum speed
Pre-rinse	Cold	0:14 h	4 L	0.01	Rinse dishes before a delayed start

★ Eco 50 °C is the EU reference programme for energy efficiency and consumption declarations.

Programme Details

Auto 45–65 °C

The automatic programme adjusts temperature, water volume and duration automatically to the detected level of soiling. Ideal for everyday use. The built-in sensor measures the turbidity of the water and optimises the wash cycle accordingly.

Eco 50 °C (Reference programme)

The most energy-efficient programme. Low temperature and longer runtime save energy and water. Suitable for normally soiled mixed loads. This programme is the EU reference programme for energy declarations.

Intensive 70 °C

For heavily burnt-on dishes, pots, pans and stubborn soiling. High water temperature and increased water pressure ensure hygienically clean results. Caution: not suitable for delicate items and glassware.

Glass 40 °C

Gentle on crystal, glassware and delicate porcelain. The glassZone in the lower basket provides especially careful cleaning via 6 specialist nozzles. Non-slip silicone pads protect the bases of glasses.

Short 60 °C

Time-optimised programme for normally soiled dishes. Significantly shorter than the Eco programme with similar cleaning performance. Well suited to everyday use.

Silent 50 °C

Noise level drops to just 41 dB(A). Ideal for night-time or midday operation. Extended runtime allows low motor speeds throughout.

Quick 45 °C

Clean in just 30 minutes – ideal for lightly soiled dishes needed quickly. No drying cycle included – remove dishes directly after the wash.

Pre-rinse

Short cold-water programme to rinse dishes when the appliance will be started later. Prevents food residues from drying on.

07 Additional Functions

6 selectable options for individual customisation



VarioSpeed Plus

Shortens the programme runtime by up to 66 % with the same cleaning result. Increased energy and water consumption. Can be combined with AUTO, INTENSIVE, SHORT and ECO.



Extra Dry

Improves drying results by raising the temperature during the final phase. Particularly recommended for plastic items. Increased energy requirement.



Hygiene Plus

Raises the main wash temperature to at least 70 °C – ideal for baby bottles, chopping boards and kitchen utensils that require hygienic cleaning.



HalfLoad

Enables more economical washing with a half load. Water consumption and energy are reduced. Only the lower basket or upper basket is washed.



TimeSave

Reduces the programme runtime by a fixed period. Slightly increased resource consumption. Can be combined with several programmes.



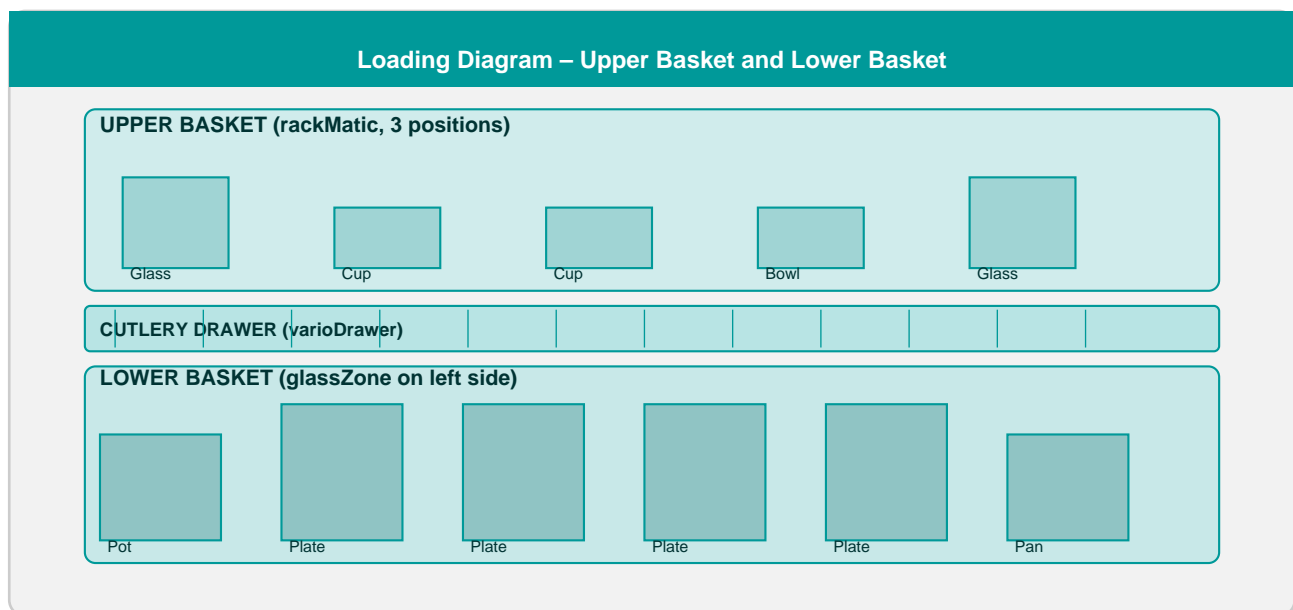
Delayed Start (up to 24 h)

Set when the programme should start – up to 24 hours in advance. Ideal for taking advantage of off-peak electricity tariffs or for night operation.

08 Loading & Loading Guidelines

Load correctly for the best cleaning results

Correct loading is essential for optimum cleaning results and also protects your dishes. Please observe the following guidelines.



Upper Basket Loading Rules

- Glasses, cups, bowls, plastic items and lightweight pieces go in the upper basket.
- Place glasses between the retaining pegs – do not stack on top of each other.
- Cups and bowls face down or tilted towards the centre.
- rackMatic: adjust the upper basket steplessly in 3 positions by up to 5 cm in height for larger pots in the lower basket.
- The varioDrawer (cutlery drawer) holds flat cutlery, cooking utensils and lids.

Lower Basket Loading Rules

- Plates, pots, pans, sieves and kitchen utensils go in the lower basket.
- Stand plates with the opening facing the centre – do not stack.
- Pots and pans face down, slightly angled.
- The glassZone (left side, lower basket) protects glasses with 6 specialist nozzles and silicone pads.
- Do not place anything in front of the spray arms – check they can rotate freely.

■ NOTE – Dishwasher-safe items

Not all materials are dishwasher-safe. The following should NOT be washed in the dishwasher:
Wooden dishes, hand-painted ceramics, copper, brass, lead, non-precious silver, untreated aluminium, crystal glass without dishwasher symbol, plastics without dishwasher symbol.

09 Detergent, Salt & Rinse Aid

Dosage and refilling

For perfect wash results you need dishwasher detergent, regeneration salt and rinse aid. All three products have different functions and must not be confused. Use only products approved for dishwashers.

Product	Dispenser position	Quantity / Notes
Detergent (powder/tab/gel)	Main wash chamber	Powder: 20–35 g Tab: 1 piece Gel: 25 ml
Detergent (pre-wash)	Pre-wash chamber (I)	Powder: 10–15 g – only for heavily soiled loads
Rinse aid	Rinse aid reservoir (flap)	Refill as needed – watch indicator light
Regeneration salt	Salt reservoir (appliance base)	Use only dishwasher salt – fill at least 500 g
Combination tabs	Main wash chamber	Separate salt and rinse aid still recommended for best results

Water Softening & Salt Dosage

The harder the water in your area, the more limescale can build up. Set the water softener to match the hardness of your mains water supply (check with your water provider or online). If combination tabs without separate salt are used, full descaling performance cannot be guaranteed – especially in hard water areas above 21 °dH we recommend using regeneration salt separately.

Water hardness	°dH (German)	°fH (French)	mmol/L	Setting
Soft water	0–7	0–12	0–1.2	1
Medium hard water	8–14	13–25	1.3–2.5	2
Hard water	15–21	26–37	2.6–3.7	3
Very hard water	22–30	38–53	3.8–5.3	4–5
Extremely hard	>30	>53	>5.3	6 (max)

10 Features & Technology

Intelligent technologies of the iQ500 series



glassZone

The glassZone in the lower basket (left half) provides six specialist nozzles that clean individual glasses thoroughly with a gentle, continuous water jet. Non-slip silicone pads protect the bases of the glasses and prevent them from tipping. Ideal for valuable crystal and delicate glassware.



rackMatic (3 positions)

The upper basket can be adjusted steplessly in height by up to 5 cm in three positions. Large pots, tall bottles or deep roasting dishes fit comfortably in the lower basket. Adjustment is simple – just lift the basket with one hand.



autoOpen Dry

At the end of the drying cycle the appliance door opens automatically by approx. 10 cm. Fresh air flows in and delivers up to 100 % better drying results – especially for plastic items – while simultaneously reducing energy consumption.



TimeLight

The TimeLight sensor projects the remaining operating time in minutes, the programme status and error messages as a clearly readable projection onto the floor in front of the appliance. See the current status at a glance – without opening the door.



Home Connect (Wi-Fi / Smart Home)

Connect your dishwasher to the free Home Connect app (iOS/Android). Start, stop and monitor wash cycles via smartphone or tablet – from anywhere. Integrates with Amazon Alexa, Google Assistant and Apple Home. Automatic programme updates.



iQdrive Motor

The brushless iQdrive motor is especially quiet, energy-efficient and long-lasting. It runs more quietly than conventional motors and comes with a lifetime warranty from Siemens. The motor intelligently regulates speed and power for each programme.



aquaStop (full protection)

The two-part aquaStop system provides 24/7 protection against water damage: a pressure-resistant hose with a built-in safety valve at the tap stops the water supply immediately in the event of a leak. In addition, a sensor in the appliance monitors the water level and activates the safety pump. Lifetime warranty from Siemens.

**varioDrawer (cutlery drawer)**

The flexible cutlery drawer in the upper section of the upper basket accommodates cutlery, cooking utensils, knives and small kitchen helpers. The variable retaining pegs can be adapted and removed. No separate cutlery basket required.

**Interior Light**

The interior of the dishwasher is equipped with an LED light that switches on automatically when the door is opened. Perfect visibility in any lighting condition for optimal loading and easy unloading.

11 Care & Maintenance

For lasting performance and hygiene

Regular care extends the service life of your appliance and ensures hygienically perfect wash results. The most important maintenance tasks are cleaning the filter and refilling the salt and rinse aid.

Task	Interval	Notes
Clean coarse filter	After every wash	Unscrew filter, rinse under running water
Clean fine filter and flat filter	Weekly	Clean all three filter parts together
Clean spray arms	Monthly	Clear nozzle openings with a toothpick
Wipe seals and door edges	Monthly	Damp cloth only – no abrasive cleaners
Clean appliance interior	Every 3 months	Use specialist dishwasher cleaner programme
Refill salt reservoir	When indicator lights up	Use only dishwasher regeneration salt
Refill rinse aid	When indicator lights up	Adjust dosage if necessary
Clean exterior	As needed	Damp cloth – no scouring powder
Check aquaStop hose	Annually	Inspect for cracks or damage
Check filter for blockage	Every 6 months	Especially important in hard water areas

Filter Cleaning – Step by Step

Step 1: Switch off the appliance and open the door.

Step 2: Turn the coarse filter anti-clockwise and remove it.

Step 3: Lift out the fine filter and flat filter and remove them too.

Step 4: Rinse all filter parts under running water – use a soft brush if necessary.

Step 5: Refit the filters: flat filter, fine filter, then screw the coarse filter back in clockwise.

Step 6: Make sure all filters are properly locked in place – otherwise cleaning performance will be impaired.

■ WARNING – Filter cleaning

Never operate the appliance without the filter fitted. A missing or damaged filter can damage the pump and leads to poor cleaning results.

Do not use aggressive chemicals or abrasive agents to clean the filter.

12 Troubleshooting

Identify and resolve problems

Many faults can be resolved without calling the service team. Please check the table below before contacting Siemens Customer Service.

Problem / Display	Possible cause	Solution
Appliance does not start	Door not properly closed No power supply Child lock active	Close door firmly Check power supply Deactivate child lock
Dishes not clean	Incorrect loading Filter blocked Insufficient detergent Wrong programme	Follow loading instructions Clean filter Increase detergent dose Select intensive programme
Dishes not dry	autoOpen switched off Plastic items (poor drying) Incorrect stacking	Enable autoOpen Use Extra Dry function Increase gap between items
White residue on dishes	Insufficient salt Water softener incorrectly set Limescale	Refill salt reservoir Adjust hardness setting Use descaling agent
Water on floor	Door seal leaking Inlet hose defective Excessive foaming	Check door seal Inspect/replace hose Use low-foam detergent
Loud noise during operation	Dishes colliding Spray arm blocked Foreign object in filter	Correct loading Check spray arm rotation Clean filter
Error code E15	Water in base aquaStop triggered	Switch off, tilt appliance Contact Siemens Service
Error code E24/E25	Pump blocked Drainage problem	Clean filter, check pump Inspect drain hose
Flashing indicator lights	Salt/rinse aid empty Malfunction	Refill salt or rinse aid Contact Service if fault persists
TimeLight shows nothing	Function disabled Appliance in standby	Enable in settings Start a programme
Home Connect won't connect	Wi-Fi problem App outdated	Check router and Wi-Fi Update app, re-pair appliance

■ IMPORTANT – In the event of serious faults

Switch off the appliance immediately and unplug it if:

- Water escapes from the appliance and cannot be stopped.
- The aquaStop safety system has triggered (E15).
- A smell of burning or smoke comes from the appliance.

In these cases contact Siemens Customer Service immediately: +49 800 111 89 49 (free of charge).

13 Environmental Information & Disposal

Sustainability and proper disposal

Environmentally Friendly Operation

- Use the Eco 50 °C programme for everyday operation – it consumes the least energy and water.
- Always load the dishwasher fully to save resources.
- Use off-peak electricity tariffs with the delayed start function.
- Use measured amounts of detergents – too much burdens the environment and costs more.
- The Home Connect Eco Check shows your energy consumption in the app.

Disposal and Recycling

This appliance must be disposed of as electrical waste in accordance with EU Directive 2012/19/EU (WEEE). The symbol of the crossed-out wheellie bin identifies electrical appliances that must not be disposed of with household waste. Return the appliance to a collection point or your retailer. Packaging materials must be separated by type (cardboard → paper, polystyrene → plastic). Siemens participates in recycling programmes in accordance with the ElektroG (German Electrical and Electronic Equipment Act).

Declaration of Conformity

This product conforms to the relevant European directives and standards: EU Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, Ecodesign Directive 2009/125/EU (Regulations (EU) 2019/2021, 2019/2013), Energy Labelling Regulation (EU) 2019/2016, RoHS Directive 2011/65/EU. CE marking affixed.

14 Customer Service & Warranty

Service, spare parts and warranty conditions

Siemens Customer Service

Contact channel	Details
Telephone (Germany, free)	+49 800 111 89 49 (Mon–Sun 7:00–22:00)
Online service	www.siemens-home.bsh-group.com
E-mail	service@siemens-home.bsh-group.com
App	Home Connect App – direct contact to service team
On-site appointment	Bookable by phone or online
Spare parts	Genuine spare parts available via model number search

Warranty Conditions

Siemens provides a statutory warranty of 24 months from the date of purchase on this appliance. In addition, upon registering the appliance in the Home Connect service, you receive an extended warranty of 5 years on the complete appliance, as well as a lifetime warranty on the iQdrive motor and the aquaStop hose.

The warranty covers defects in materials and workmanship. Excluded are damage caused by: improper use, lack of maintenance, unauthorised repairs by third parties, normal wear and tear (filters, door seals), damage due to hard water without use of salt, and damage from external factors (lightning strike, power surge).

■ TIP – Extend warranty to 5 years

Register your appliance within 4 weeks of purchase in the Home Connect App or at www.siemens-home.bsh-group.com/warranty to activate the free 5-year warranty extension. Have your proof of purchase and serial number ready.